

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER ASTB-0055
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known see 37 CFR 1.5) 10/589,789
INTERNATIONAL APPLICATION NO. PCT/GB2005/000563	INTERNATIONAL FILING DATE 16 February 2005 (16.02.2005)	PRIORITY DATE CLAIMED 16 February 2004 (16.02.2004)
TITLE OF INVENTION LIQUIFIED GAS CRYOSTAT		
APPLICANT(S) FOR DO/EO/US Hugh Charles Seton, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> </div> <div> <p>This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.</p> <p>The US has been elected (Article 31).</p> <p>A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <div style="margin-left: 20px;"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </div> <p>An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <div style="margin-left: 20px;"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </div> <p>Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <div style="margin-left: 20px;"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. </div> <p>An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>An oath or declaration of the inventor(s) 35 U.S.C. 371(c)(4).</p> <p>An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> </div> </div>	
Items 11. to 20. below concern other document(s) or information included:		
11. 12. 13. 14. 15. 16. 17. 18. 19. 20.	<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> </div> <div> <p>An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>A preliminary amendment.</p> <p>An Application Data Sheet under 37 CFR 1.76.</p> <p>A substitute specification.</p> <p>A power of attorney and/or change of address letter.</p> <p>A computer-readable form of the sequence listing in accordance with PCT Rule 13^{ter}.2 and 37 CFR 1.182-1.825.</p> <p>A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>Other items or information:</p> <div style="margin-left: 20px;"> <p>- Communication;</p> <p>- a return postcard.</p> </div> </div> </div>	

EV427089696US

EXPRESS MAIL Mailing Label No. EV427089696
 Date of Deposit: February 1, 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid IMB control number.

U.S. APPLICATION NO. (if known 37 C.F.R. 1.5) 10/589,789		INTERNATIONAL APPLICATION NO. PCT/GB2005/000563		ATTORNEY DOCKET NUMBER ASTB-0055	
The following fees are submitted:					
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))		\$300		\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$0.00		\$	
All other situations		\$200			
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$0			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100		\$	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB		\$400			
All other situations		\$500			
TOTAL of 21, 22 and 23 =				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50=		X \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$130.00	
Claims	Number Filed	Number Extra	Rate		
Total claims	14- 20 =	0	X \$50	\$	
Independent Claims	1- 3 =	0	X \$200	\$	
Multiple dependent claims(s) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
TOTAL FEES ENCLOSED =				\$130.00	
02/05/2007 RAMPTAS 00000051 10589789 01 FC:8021 40.00 DA				Amount to be: refunded	\$
				Amount to be charged	\$

The PTO did not receive the following listed item(s) \$130 CHECK

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid IMB control number.

- a. ☒ A check in the amount of \$130.00 to cover the above fee is enclosed.
- b. ☐ Please charge my Deposit Account No. 23-3050 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3050. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

John W. Caldwell
Woodcock Washburn LLP
Cira Centre
2929 Arch Street, 12th Floor
Philadelphia, PA 19104-2891
(215) 568-3100


SIGNATURE

Michael P. Dunnam
NAME

32,611
REGISTRATION NUMBER

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: **Hugh Charles Seton, et al.**

U.S. Serial No.: **10/589,789**

U.S. Filing Date: **Not Yet Assigned**

Group Art Unit: **not yet known**

International Application No.: **PCT/GB2005/000563**

Examiner: **not yet assigned**

International Filing **16 February 2005**

For: **LIQUIFIED GAS CRYOSTAT**

COMMUNICATION

EXPRESS MAIL LABEL NO.: EV 427089696 US
DATE OF DEPOSIT: February 1, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The above-identified application was filed without an executed Declaration/Power of Attorney. Although no "Notification of Missing Requirements" has been received, applicant herewith submits the executed copy along with the required surcharge of \$130.00 under 37 CFR 1.16(e). A Preliminary Amendment is also submitted.

Respectfully submitted,

Date: February 1, 2007



Michael P. Dunnam
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